

## **BIDIRECTIONAL OPTICAL COMMUNICATIONS HAVING QUICK DATA RECOVERY WITHOUT FIRST ESTABLISHING TIMING AND PHASE LOCK**

### **ABSTRACT OF THE DISCLOSURE**

A method of transmitting and rapidly recovering a burst of data without first having to establish a timing or phase lock. The signals are transmitted as modified Manchester coded signals having pulse transitions at a clocking pulse rate which is a multiple of the clocking pulse rate at which the signals are originally generated, and wherein the MOOSE coded signal is modified by ON-OFF keying.

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